

What is claimed is:

1. An electrically-dissipative propylene polymer composition comprising:

(a) a propylene block copolymer comprising

(i) a first block comprising a propylene polymer portion and

(ii) a second block comprising a rubber portion comprising a propylene copolymer having a  $M_z$  equal to or greater than about 1,000,000;

(b) a polyolefin elastomer;

(c) an electrically-conductive carbon;

(d) optionally, an olefinic polymer;

and

(e) optionally, a filler.

2. The electrically-dissipative propylene polymer composition of Claim 1 wherein the propylene block copolymer comprises an ethylene and propylene rubber.

3. The electrically-dissipative propylene polymer composition of Claim 1 wherein the polyolefin elastomer is a substantially linear ethylene polymer, a linear ethylene polymer, or combinations thereof where in the substantially linear ethylene polymer and/or linear ethylene polymer are characterized as having:

(i) a density equal to or less than about  $0.93 \text{ g/cm}^3$ ;

(ii) a molecular weight distribution,  $M_n/M_w$ , of equal to or less than about 3.0,

and

(iii) a Composition Distribution Branch Index equal to or greater than about 30 percent.

4. The electrically-dissipative propylene polymer composition of Claim 1 wherein the electrically-conductive carbon is present in an amount sufficient to provide a surface resistivity of equal to or less than  $10^{12}$  Ohms.

5. The electrically-dissipative propylene polymer composition of Claim 1 wherein the electrically-conductive carbon is carbon black, carbon fibers, graphite or combinations thereof.

6. The electrically-dissipative propylene polymer composition of Claim 1 further comprising one or more additives selected from the group consisting of a heat stabilizer, a light stabilizer, a oxidation stabilizer, a colorant, an antioxidant, an antistat, a flow enhancer, a mold release, a nucleating agent, a clarifying agent, and a slip agent.

7. The electrically-dissipative propylene polymer composition of Claim 6 wherein the mold release is calcium stearate, magnesium stearate, or a combination thereof.

8. The electrically-dissipative propylene polymer composition of Claim 6 wherein the slip agent is erucamide, oleamide, linoleamide, steramide, or combinations thereof.

9. The electrically-dissipative propylene polymer composition of Claim 1 wherein:

(a) the propylene block copolymer is present in an amount of from 30 to 90 parts by weight,

(b) the polyolefin elastomer is present in an amount of from 5 to 70 parts by weight,

(c) the electrically-conductive carbon is present in an amount of from 0.1 to 30 parts by weight,

(d) the olefinic polymer is present in an amount of from 0 to 15 parts by weight, and

5 (e) the filler is present in an amount of from 0 to 30 parts by weight,

wherein parts by weight are based on the total weight of the electronically-dissipative propylene polymer composition.

10. The electrically-dissipative propylene polymer composition of Claim 9 wherein:

10 (d) the olefinic polymer is present in an amount of from 1 part by weight to 15 parts by weight and is selected from the group consisting of HDPE, LLDPE, UHDPE, a polyolefin elastomer, and combinations thereof

wherein parts by weight are based on the total weight of the electronically-dissipative propylene polymer composition.

11. The electrically-dissipative propylene polymer composition of Claim 9 wherein:

15 (e) the filler is present in an amount of from 0.1 part by weight to 30 parts by weight and is selected from the group consisting of talc, wollastonite, clay, single layers of a cation exchanging layered silicate material, graphite, calcium carbonate, feldspar, nepheline, silica, glass, fumed silica, alumina, magnesium oxide, zinc oxide, barium sulfate, aluminum silicate, calcium silicate, titanium dioxide, titanates, glass microspheres and chalk,

20 wherein parts by weight are based on the total weight of the electronically-dissipative propylene polymer composition.

12. A process of extruding or molding the electronically-dissipative propylene polymer composition of Claim 1 into a fabricated article.

25 13. The electronically-dissipative propylene polymer composition according to Claim 1 in the form of a fabricated article.

14. The electronically-dissipative propylene polymer composition according to Claim 1 in the form of an automotive part selected from the group consisting of a bumper, a fascia, a wheel cover, a door, an instrument panel, a trim, a cladding, a rocker panel, and a grill.